BETTER CROPS W

The Pocket Boo

TABLE OF CONTENTS

JANUARY 1945

Renunciation ..... *Jeff McDermid* 3
Fertilized Corn Plants Require Well-ventilated Soils ..... *G. N. Hoffer* 6
Better Rural Churches Through Wise Land Use ..... *T. S. Buie* 10
Fertilizers for Cotton and Corn Following Lespedeza ..... *Hayden Rogers* 17
Fertilizers Pay Their Way in Western Washington ..... *Karl Baur* 20
Bigger Yields from Fertilizers ..... *V. A. Tiedjens* 23

FEBRUARY 1945

Silo Scribe ..... *Jeff McDermid* 3
Plow-Sole Fertilizing on the Average Farm ..... *C. J. Chapman* 6
Air Transport for Certain Crops ..... *C. B. Sherman* 11
Can We Keep Cotton in N. C. Agriculture? ..... *E. R. Collins* 13
Crop Fertilization or Rotation Fertilization ..... *M. H. McVickar and P. T. Gish* 15
Some Whys & Wherefores for Air-conditioning Soils ..... *G. N. Hoffer* 19
Defective Strawberry Fruit Corrected by Borax ..... *L. G. Willis* 22
Potash for Legume Pastures in Florida ..... *L. E. Ensminger* 23
Fish for Health, Recreation, and Politics ..... *L. O. Brackeen* 26

MARCH 1945

Breaking Up! ..... *Jeff McDermid* 3
Alfalfa Production on the Sand Mountain of Alabama ..... *Kenneth B. Roy* 6
Potassium—A Key Element ..... *H. J. Snider* 9
Earliness Counts with Austrian Winter Peas ..... *E. C. Blair* 13
Balanced Fertility in the Orchard ..... *S. D. Gray* 14
Higher Corn Yields for North Carolina ..... *B. A. Krantz* 19
The Rutabaga Crop in Virginia Is Benefited by Boron ..... *G. M. Shear* 23
Using Poultry Manure for Garden Compost ..... *G. T. Klein* 26

APRIL 1945

Home State Stuff ..... *Jeff McDermid* 3
Ladino Clover Makes a Record ..... *Ford S. Prince* 6
Fertilizing Golf Greens ..... *G. N. Hoffer* 9
Idle Acres in the Southeast Can Be Put to Work ..... *T. S. Buie* 13
Yield and Quality of Cotton Can Be Improved by Boron ..... *Russell Coleman* 18
New Ideas in Haymaking from New York Farmers ..... *I. R. Bierly and A. F. Gustafson* 21
The Effectiveness of Phosphate Fertilizer ..... *H. J. Snider* 25

MAY 1945

Taking Stock ..... *Jeff McDermid* 3
Alfalfa—The Aristocrat ..... *Firman E. Bear* 6
How Long Do the Effects from Fertilizer Last? ..... *Wm. A. Albrecht* 11
Applying Experimental Work to Cotton Farming ..... *Ralph W. Cummings* 14
Why Brown Loam Terrace Soils Respond to Potash ..... *H. B. Vanderford* 17
A Case of Combined Potassium and Boron Deficiencies in Grapes ..... *H. O. Askew* 21
Cason Callaway Plans Ahead for Georgia's Agriculture ..... *Bert D. Robinson* 25

BETTER CROPS W

The Pocket Boo

TABLE OF CONTENTS

JANUARY 1945

Renunciation ..... *Jeff McDermid* 3
Fertilized Corn Plants Require Well-ventilated Soils ..... *G. N. Hoffer* 6
Better Rural Churches Through Wise Land Use ..... *T. S. Buie* 10
Fertilizers for Cotton and Corn Following Lespedeza ..... *Hayden Rogers* 17
Fertilizers Pay Their Way in Western Washington ..... *Karl Baur* 20
Bigger Yields from Fertilizers ..... *V. A. Tiedjens* 23

FEBRUARY 1945

Silo Scribe ..... *Jeff McDermid* 3
Plow-Sole Fertilizing on the Average Farm ..... *C. J. Chapman* 6
Air Transport for Certain Crops ..... *C. B. Sherman* 11
Can We Keep Cotton in N. C. Agriculture? ..... *E. R. Collins* 13
Crop Fertilization or Rotation Fertilization ..... *M. H. McVickar and P. T. Gish* 15
Some Whys & Wherefores for Air-conditioning Soils ..... *G. N. Hoffer* 19
Defective Strawberry Fruit Corrected by Borax ..... *L. G. Willis* 22
Potash for Legume Pastures in Florida ..... *L. E. Ensminger* 23
Fish for Health, Recreation, and Politics ..... *L. O. Brackeen* 26

MARCH 1945

Breaking Up! ..... *Jeff McDermid* 3
Alfalfa Production on the Sand Mountain of Alabama ..... *Kenneth B. Roy* 6
Potassium—A Key Element ..... *H. J. Snider* 9
Earliness Counts with Austrian Winter Peas ..... *E. C. Blair* 13
Balanced Fertility in the Orchard ..... *S. D. Gray* 14
Higher Corn Yields for North Carolina ..... *B. A. Krantz* 19
The Rutabaga Crop in Virginia Is Benefited by Boron ..... *G. M. Shear* 23
Using Poultry Manure for Garden Compost ..... *G. T. Klein* 26

APRIL 1945

Home State Stuff ..... *Jeff McDermid* 3
Ladino Clover Makes a Record ..... *Ford S. Prince* 6
Fertilizing Golf Greens ..... *G. N. Hoffer* 9
Idle Acres in the Southeast Can Be Put to Work ..... *T. S. Buie* 13
Yield and Quality of Cotton Can Be Improved by Boron ..... *Russell Coleman* 18
New Ideas in Haymaking from New York Farmers ..... *I. R. Bierly and A. F. Gustafson* 21
The Effectiveness of Phosphate Fertilizer ..... *H. J. Snider* 25

MAY 1945

Taking Stock ..... *Jeff McDermid* 3
Alfalfa—The Aristocrat ..... *Firman E. Bear* 6
How Long Do the Effects from Fertilizer Last? ..... *Wm. A. Albrecht* 11
Applying Experimental Work to Cotton Farming ..... *Ralph W. Cummings* 14
Why Brown Loam Terrace Soils Respond to Potash ..... *H. B. Vanderford* 17
A Case of Combined Potassium and Boron Deficiencies in Grapes ..... *H. O. Askew* 21
Cason Callaway Plans Ahead for Georgia's Agriculture ..... *Bert D. Robinson* 25

TH PLANT FOOD

of *Agriculture*

January 1945 to December 1945

JUNE-JULY 1945

Income and Outgo ... *Jeff McDermid* 3
Know Your Soil ... *Jackson B. Hester* 6
Boron Content of Mississippi Soils and Plants ... *Russell Coleman* 11
Orcharding from the Ground Up ... *Walter W. John* 14
South Carolina Experts Tell How to Grow Cotton ... *Jack Wooten* 16
Gravel-Culture Tomatoes ... *Richard M. Caldwell* 19
Balanced Sods in Orchards ... *Fred V. Grau* 21
Selective Service for Each Acre ... *J. W. Sargent* 25
What Affects Vitamin Content of Crops? ... *Clyde Beale* 40

AUGUST-SEPTEMBER 1945

Science Speaking ... *Jeff McDermid* 3
Plow-Under Practices ... *B. A. Rockwell* 6
Effect of Borax and Lime on Quality of Cauliflowers ... *Russell Coleman and F. J. LeBeau* 11
Potash Fertilizers Are Needed on Many Midwestern Farms ... *G. N. Hoffer* 12
From Scrub Pine to Broccoli on Cape Cod ... *Bertram Tomlinson* 17
Red Clover Suggests Shortage of Potash ... *Wm. A. Albrecht* 21
Fertilizing for Better Soybeans in North Carolina ... *W. L. Nelson and W. E. Colwell* 22

OCTOBER 1945

Reform Wave Due ... *Jeff McDermid* 3
More Vegetables for Less Money ... *V. A. Tiedjens* 6
A Little Boron Boosts Sweet Potato Yields ... *A. B. Bryan* 11
A Potash-Nitrate Relationship in Corn as Revealed by Tissue Tests ... *A. C. Caldwell and J. M. MacGregor* 13
Hilding Hord—Dairyman ... *G. R. Cobb* 15
A Layout for Labor-saving ... *Carlton Stoddard* 17
How to Start White Dutch Clover Pastures in Florida ... *R. E. Blaser* 18
Kudzu Responds to Potash ... *R. Y. Bailey* 21
Soil Conservation—More Plant Food—Better Crops ... *W. M. Nixon* 25

NOVEMBER 1945

Farmers' Forums ... *Jeff McDermid* 3
Kudzu on Abandoned Land Needs Phosphate and Potash—Maybe Borax ... *Ted C. Maurer* 6
What Is the Best Method of Applying Fertilizer? ... *G. R. Cobb* 9
First Things First in Soil Fertility ... *A. L. Lang* 11
Potash—In War and Peace ... *Dr. J. W. Turrentine* 17
Borax on Crimson Clover in Tennessee ... *H. E. Hendricks* 24

DECEMBER 1945

Our Best Gift ... *Jeff McDermid* 3
Efficient Crop Production Means Balancing Supply of Available Plant Nutrients ... *Howard T. Rogers* 6
And Now the Imperative for Agriculture and Industry ... *D. S. Coltrane* 9
Florida's Legume Pastures Depend on Seed Source ... *R. E. Blaser* 11
Rapid Soil Tests Furnish One of the Implements for Increasing Crop Yields ... *Benjamin Wolf* 14
Success with Blueberries ... *G. R. Cobb* 21
California Fertilizer Usage ... *Weller Noble* 23
Potash Deficiency Follows Continuous Wheat ... *N. C. Smith and Wm. A. Albrecht* 24
Poor Soils—Poor People ... *Lester L. Loftin* 25